

Appl. No.: 10/624,821  
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Off. Act. Dated: 02/10/2005

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (canceled)

2. (currently amended): An apparatus ~~as recited in claim 1, wherein said embedded system includes programming for carrying out the operations of:~~ An apparatus for managing a graphics display associated with an embedded system, said graphics display accessible by at least a first and second application program executable by said embedded system, said apparatus comprising:

a graphics resource manager executable by said embedded system;

wherein said graphics resource manager is configured to prevent simultaneous access of said graphics display by said application programs; and

wherein said embedded system includes programming for carryout out the operations of:

displaying an on-screen display;

selecting the first application via the on-screen display;

exiting the on-screen display when the first application is selected; and

sending a message to the graphics resource manager to start the first application program when the first application program is selected.

3. (original): An apparatus as recited in claim 2, wherein said embedded system further includes programming for carrying out the operations of:

selecting to exit the first application;

exiting the first application;

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sending a message to the graphics resource manager when the first application has been exited; and  
displaying the on-screen display.

4. (original): An apparatus as recited in claim 3, wherein said embedded system further includes programming for carrying out the operations of:  
selecting the second application via the on-screen display;  
exiting the on-screen display when the second application is selected; and  
sending a message to the graphics resource manager to start the second application when the second application is selected.

5. (original): An apparatus as recited in claim 4, wherein said embedded system further includes programming for carrying out the operations of:  
selecting to exit the second application;  
exiting the second application;  
sending a message to the graphics resource manager when the second application has been exited; and  
displaying the on-screen display.

6. (original): An apparatus as recited in claim 5, wherein said embedded system further includes programming for carrying out the operations of:  
selecting to exit the on-screen display;  
exiting the on-screen display; and  
sending a message to the graphics resource manager to suspend the on-screen display.

7. (original): An apparatus as recited in claim 6, wherein said embedded system further includes programming for carrying out the operations of:

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displaying television content.

Claims 8-9 (canceled)

10. (currently amended): ~~An apparatus as recited in claim 9, further comprising programming for carrying out the operations of:~~ An apparatus for managing a graphics display associated with an embedded system, said graphics display accessible by at least a first and second application program executable by said embedded system, said apparatus comprising:

a microprocessor;

means, executable by said microprocessor, for preventing simultaneous access of said graphics display by said application programs;

wherein said means for preventing simultaneous access of said graphics display by said application programs comprises a graphics resource manager program; and programming for carrying out the operations of:

displaying an on-screen display;

selecting the first application via the on-screen display;

exiting the on-screen display when the first application is selected; and

the sending a message to the graphics resource manager program to start the first application program when the first application program is selected.

11. (currently amended): A system as recited in claim ~~[[8]]~~ 10, further comprising programming for carrying out the operations of:

selecting to exit the first application;

exiting the first application;

sending a message to the graphics resource manager program when the first application has been exited; and

displaying an on-screen display.

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12. (original): A system as recited in claim 11, further comprising programming for carrying out the operations of:

- selecting the second application via the on-screen display;
- exiting the on-screen display when the second application is selected; and
- sending a message to the graphics resource manager program to start the second application when the second application is selected.

13. (original): A system as recited in claim 12, further comprising programming for carrying out the operations of:

- selecting to exit the second application;
- exiting the second application;
- sending a message to the graphics resource manager program when the second application has been exited; and
- displaying the on-screen display.

14. (original): A system as recited in claim 13, further comprising programming for carrying out the operations of:

- selecting to exit the on-screen display;
- exiting the on-screen display; and
- sending a message to the graphics resource manager program to suspend the on-screen display.

15. (original): A system as recited in claim 14, further comprising programming for carrying out the operations of:

- displaying television content.

16. (canceled)

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17. (currently amended): ~~An improvement as recited in claim 16, further comprising programming for carrying out the operations of:~~ In an embedded system having a graphics display accessible by at least a first and second application program executable by said embedded system, the improvement comprising:

a graphics resource manager program executable by said embedded system;  
wherein said graphics resource manager program is configured to prevent simultaneous access of said graphics display by said application programs; and  
programming for carrying out the operations of:

displaying an on-screen display;  
selecting the first application via the on-screen display;  
exiting the on-screen display when the first application is selected; and  
sending a message to the graphics resource manager program to start  
the first application program when the first application program is selected.

18. (original): An improvement as recited in claim 17, further comprising programming for carrying out the operations of:

selecting to exit the first application;  
exiting the first application;  
sending a message to the graphics resource manager program when the first application has been exited; and  
displaying the on-screen display.

19. (original): An improvement as recited in claim 18, further comprising programming for carrying out the operations of:

selecting the second application via the on-screen display;  
exiting the on-screen display when the second application is selected; and

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sending a message to the graphics resource manager program to start the second application when the second application is selected.

20. (original): An improvement as recited in claim 19, further comprising programming for carrying out the operations of:

- selecting to exit the second application;
- exiting the second application;
- sending a message to the graphics resource manager program when the second application has been exited; and
- displaying the on-screen display.

21. (original): An improvement as recited in claim 20, further comprising programming for carrying out the operations of:

- selecting to exit the on-screen display;
- exiting the on-screen display; and
- sending a message to the graphics resource manager program to suspend the on-screen display.

22. (original): An improvement as recited in claim 21, further comprising programming for carrying out the operations of:

- displaying television content.

23. (canceled)

24. (currently amended): ~~A method as recited in claim 23, wherein said embedded system includes programming for carrying out the operations of:~~ A method for managing a graphics display associated with an embedded system wherein said

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graphics display is accessible by at least a first and second application program executable by said embedded system, comprising:

providing a graphics resource manager program executable by said embedded system;

wherein said graphics resource manager program is configured to prevent simultaneous access of said graphics display by said application programs; and

wherein said embedded system includes programming for carrying out the operations of:

- displaying an on-screen display;
- selecting the first application via the on-screen display;
- exiting the on-screen display when the first application is selected; and
- sending a message to the graphics resource manager program to start the first application program when the first application program is selected.

25. (original): A method as recited in claim 24, wherein said embedded system further includes programming for carrying out the operations of:

- selecting to exit the first application;
- exiting the first application;
- sending a message to the graphics resource manager program when the first application has been exited; and
- displaying the on-screen display.

26. (original): A method as recited in claim 25, wherein said embedded system further includes programming for carrying out the operations of:

- selecting the second application via the on-screen display;
- exiting the on-screen display when the second application is selected; and
- sending a message to the graphics resource manager program to start the second application when the second application is selected.

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27. (original): A method as recited in claim 26, wherein said embedded system further includes programming for carrying out the operations of:

- selecting to exit the second application;
- exiting the second application;
- sending a message to the graphics resource manager program when the second application has been exited; and
- displaying the on-screen display.

28. (original): A method as recited in claim 27, wherein said embedded system further includes programming for carrying out the operations of:

- selecting to exit the on-screen display;
- exiting the on-screen display; and
- sending a message to the graphics resource manager program to suspend the on-screen display.

29. (original): A method as recited in claim 28, wherein said embedded system further includes programming for carrying out the operations of:

- displaying television content.